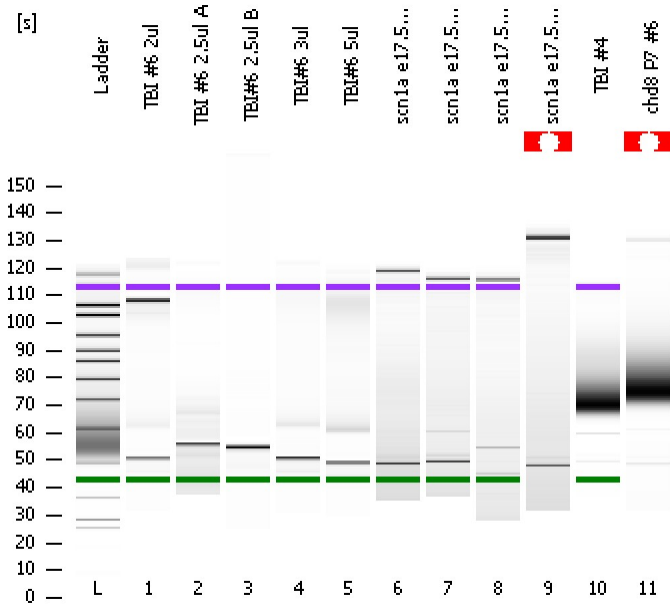


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
Modified: 7/6/2015 12:12:28 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

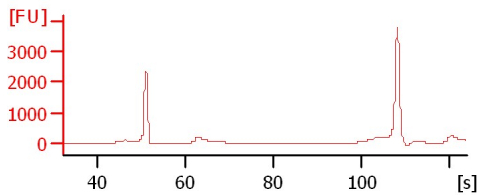
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

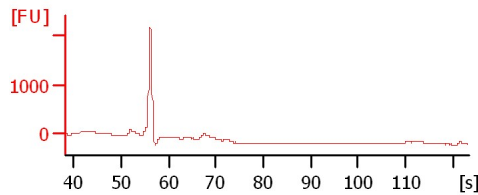
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

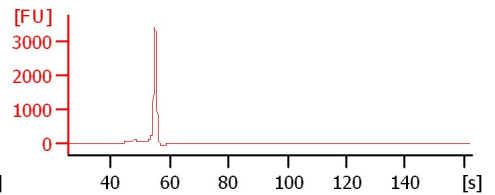
TBI #6 2ul



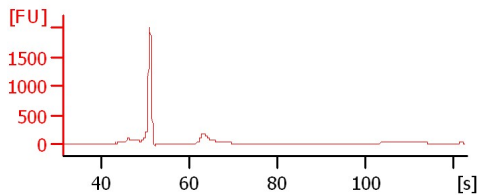
TBI #6 2.5ul A



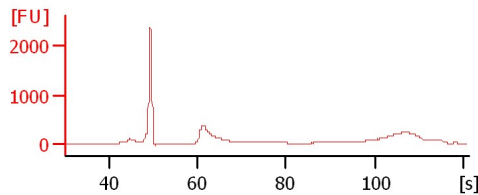
TBI#6 2.5ul B



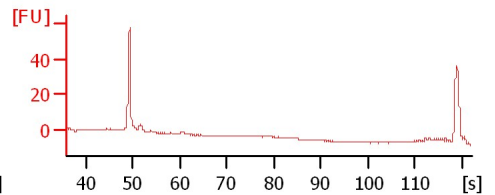
TBI#6 3ul



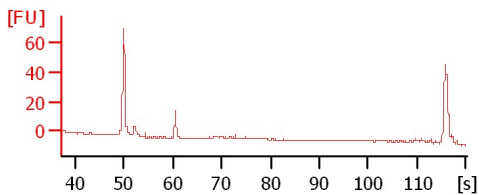
TBI#6 5ul



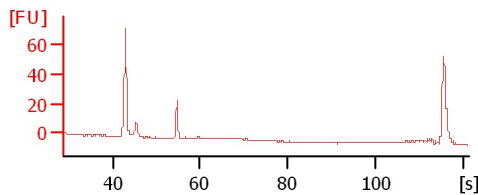
scn1a e17.5 total RNA #1



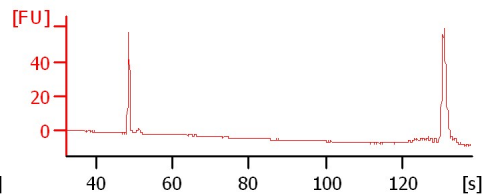
scn1a e17.5 total RNA #2



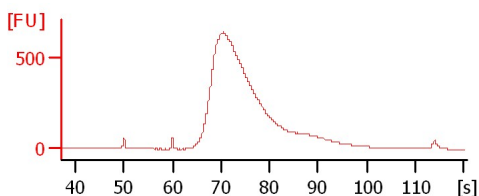
scn1a e17.5 total RNA #3



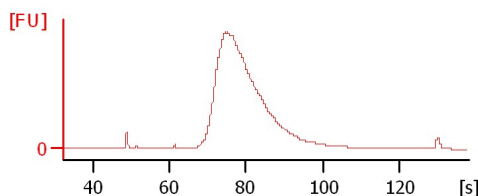
scn1a e17.5 total RNA #4



TBI #4



chd8 P7 #6



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
Modified: 7/6/2015 12:12:28 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
TBI #6 2ul		<input type="checkbox"/>	✓			
TBI #6 2.5ul A		<input type="checkbox"/>	✓			
TBI#6 2.5ul B		<input type="checkbox"/>	✓			
TBI#6 3ul		<input type="checkbox"/>	✓			
TBI#6 5ul		<input type="checkbox"/>	✓			
scn1a e17.5 total RNA #1		<input type="checkbox"/>	✓			
scn1a e17.5 total RNA #2		<input type="checkbox"/>	✓			
scn1a e17.5 total RNA #3		<input type="checkbox"/>	✓			
scn1a e17.5 total RNA #4		<input type="checkbox"/>	✓			
TBI #4		<input type="checkbox"/>	✓			
chd8 P7 #6		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
Modified: 7/6/2015 12:12:28 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/μl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/μl] : 125
Upper Marker Concentration [pg/μl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

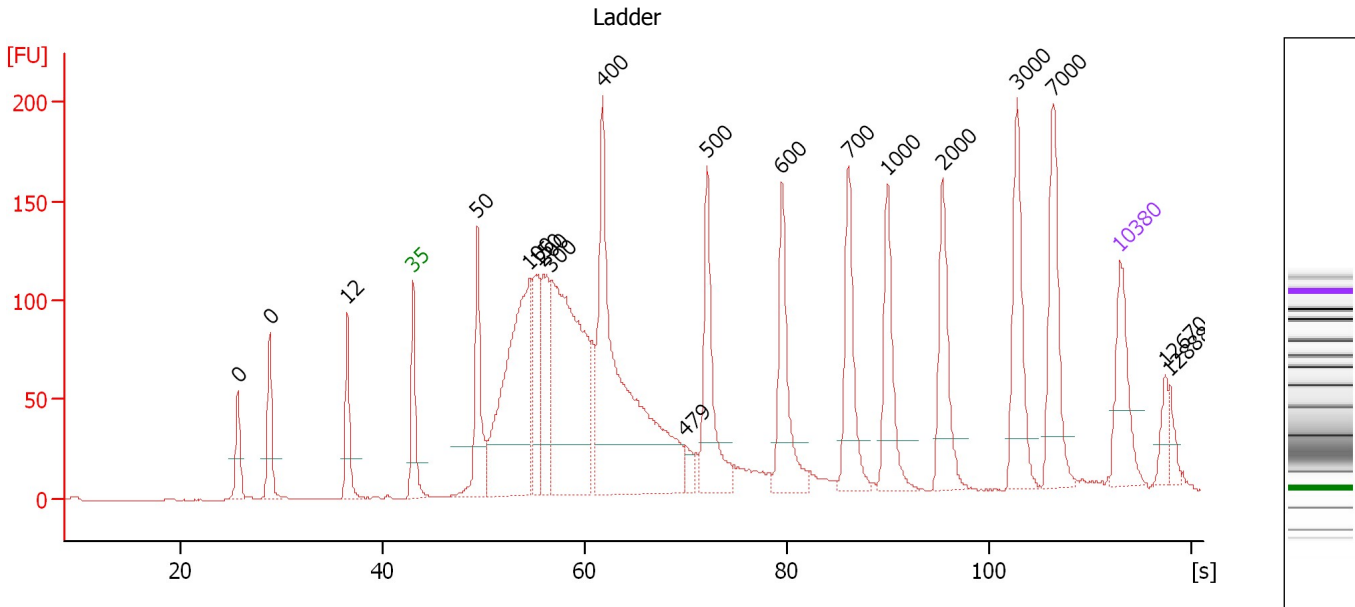
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

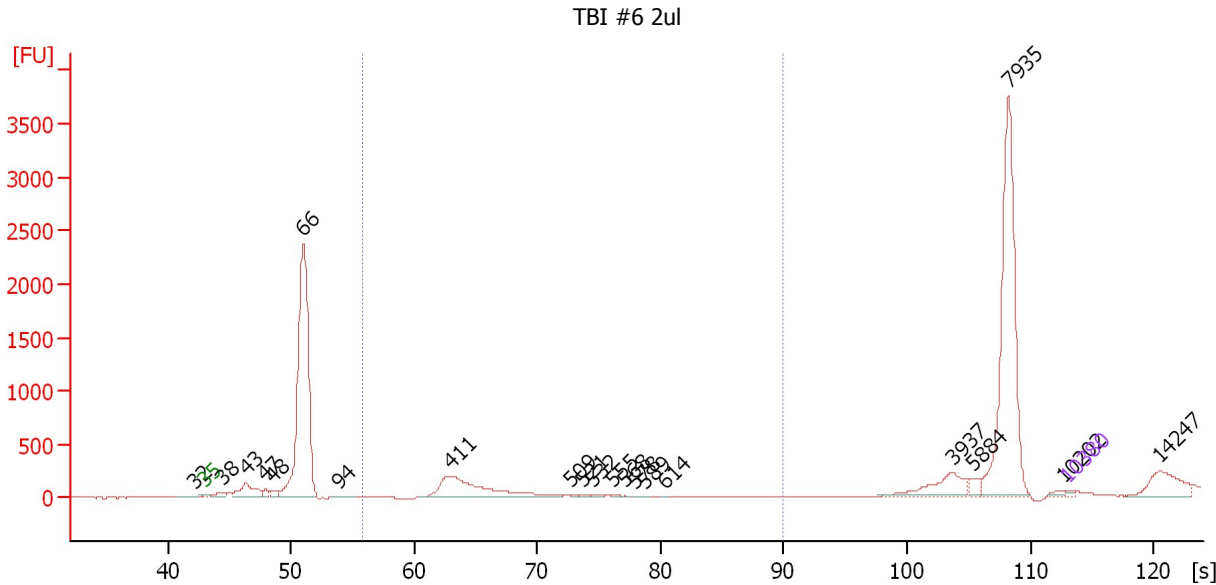
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		25.61
2	0	0.00	0.0		28.74
3	12	0.00	0.0		36.46
4	35	125.00	5,411.3	Lower Marker	43.00
5	50	150.00	4,545.5	Ladder Peak	49.33
6	100	150.00	2,272.7	Ladder Peak	54.49
7	150	150.00	1,515.2	Ladder Peak	55.23
8	200	150.00	1,136.4	Ladder Peak	55.87
9	300	150.00	757.6	Ladder Peak	56.56
10	400	150.00	568.2	Ladder Peak	61.72
11	479	0.00	0.0		69.97
12	500	150.00	454.5	Ladder Peak	72.10
13	600	150.00	378.8	Ladder Peak	79.49
14	700	150.00	324.7	Ladder Peak	86.09
15	1,000	150.00	227.3	Ladder Peak	89.97
16	2,000	150.00	113.6	Ladder Peak	95.45
17	3,000	150.00	75.8	Ladder Peak	102.84
18	7,000	150.00	32.5	Ladder Peak	106.40
19	10,380	75.00	10.9	Upper Marker	113.00
20	12,670	0.00	0.0		117.47
21	12,888	0.00	0.0		117.89

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : TBI #6 2ul

Number of peaks found: 21 Corr. Area 1: 794.6
 Noise: 0.4

Peak table for sample 1 : TBI #6 2ul

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.22
2	35	125.00	5,411.3	Lower Marker	43.00
3	38	655.93	25,817.7		44.47
4	43	2,375.53	84,073.9		46.30
5	47	488.52	15,879.0		47.90
6	48	474.27	15,018.5		48.42
7	66	25,084.76	575,923.8		50.98
8	94	154.39	2,495.7		53.84
9	411	4,701.51	17,314.7		62.91
10	509	48.11	143.2		72.75
11	521	53.63	156.1		73.62
12	532	55.84	158.9		74.49
13	555	40.92	111.8		76.14
14	568	22.71	60.6		77.09
15	578	19.22	50.4		77.83
16	589	22.95	59.1		78.65
17	614	13.04	32.2		80.39
18	3,937	1,676.31	645.1		103.68
19	5,884	456.90	117.6		105.41
20	7,935	11,334.50	2,164.2		108.23
21	10,202	132.32	19.7		112.65
22	10,380	75.00	10.9	Upper Marker	113.00
23	14,247	0.00	0.0		120.55

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...

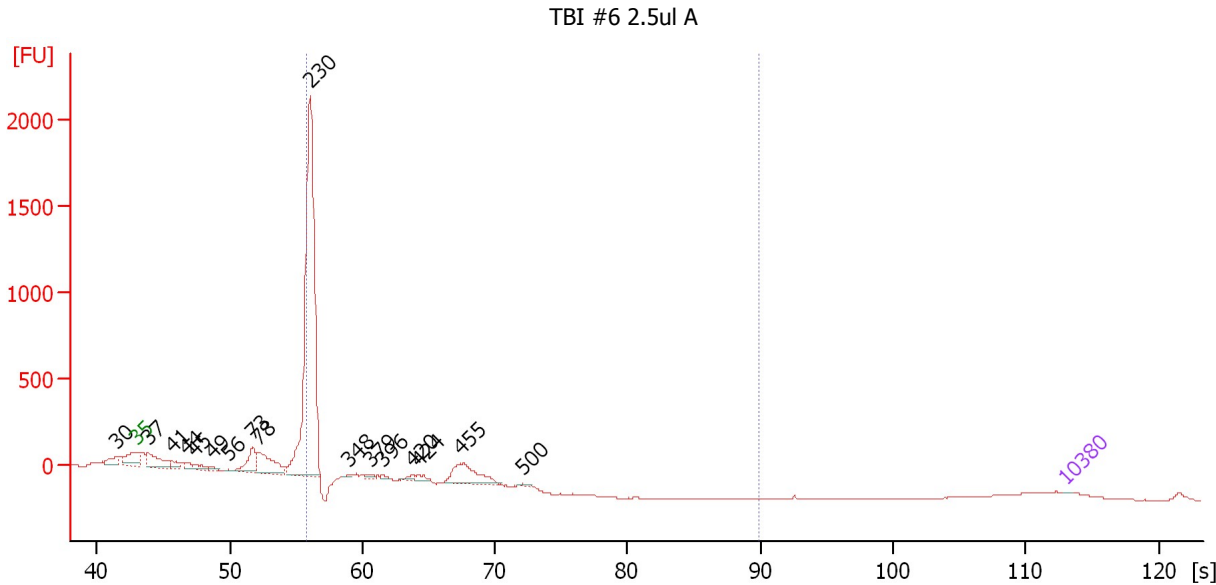
... Region table for sample 1 : TBI #6 2ul

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/ μ l]
200	421	1,000	794.6	9,623.5	7	3.2	2,673.09

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : TBI #6 2.5ul A

Number of peaks found: 17 Corr. Area 1: 3,182.1
 Noise: 0.9

Peak table for sample 2 : TBI #6 2.5ul A

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	30	0.00	0.0		41.43
2	35	125.00	5,411.3	Lower Marker	43.00
3	37	25,973.73	1,063,532.6		43.85
4	41	6,769.04	248,357.9		45.66
5	44	5,376.63	185,688.8		46.74
6	45	5,713.57	191,496.5		47.31
7	49	2,651.62	82,597.5		48.76
8	56	708.89	19,264.7		49.92
9	73	21,812.63	450,833.5		51.73
10	78	30,544.39	596,397.2		52.18
11	230	256,422.27	1,686,618.1		56.08
12	348	820.79	3,577.5		59.02
13	379	1,620.26	6,480.4		60.63
14	396	1,229.21	4,703.3		61.52
15	420	2,221.85	8,020.3		63.77
16	424	2,829.87	10,103.1		64.25
17	455	23,476.89	78,235.8		67.39
18	500	563.54	1,707.4		72.10
19	10,380	75.00	10.9	Upper Marker	113.00

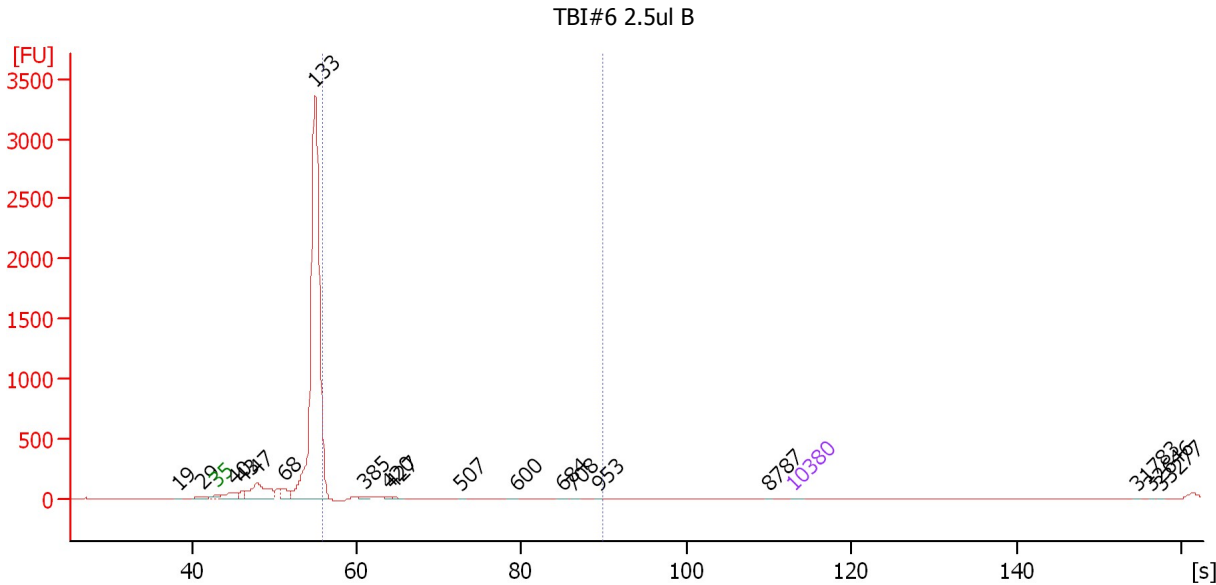
Region table for sample 2 : TBI #6 2.5ul A

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]	Conc. [pg/μl]
200	264	1,000	3,182.1	1,183,284.6	51	26.7	195,613.67

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 3 : TBI#6 2.5ul B

Height Threshold [FU] : 0

Overall Results for sample 3 : TBI#6 2.5ul B

Number of peaks found: 19 Corr. Area 1: 255.1
 Noise: 0.3

Peak table for sample 3 : TBI#6 2.5ul B

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	19	0.00	0.0		38.40
2	29	0.00	0.0		41.32
3	35	125.00	5,411.3	Lower Marker	43.00
4	40	158,766.94	5,958,649.5		45.27
5	43	83,009.53	2,947,366.8		46.24
6	47	542,823.13	17,625,724.0		47.92
7	68	150,059.75	3,357,030.5		51.16
8	133	6,494,500.00	74,030,928.0		54.98
9	385	11,180.97	44,029.6		60.94
10	420	2,996.14	10,811.4		63.79
11	427	2,822.56	10,021.2		64.50
12	507	211.38	632.0		72.59
13	600	561.44	1,416.6		79.52
14	684	572.13	1,267.4		85.03
15	708	292.52	625.8		86.19
16	953	277.58	441.1		89.36
17	8,787	162.95	28.1		109.89
18	10,380	75.00	10.9	Upper Marker	113.00
19	31,783	0.00	0.0		154.77
20	32,646	0.00	0.0		156.45
21	33,277	0.00	0.0		157.68

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...

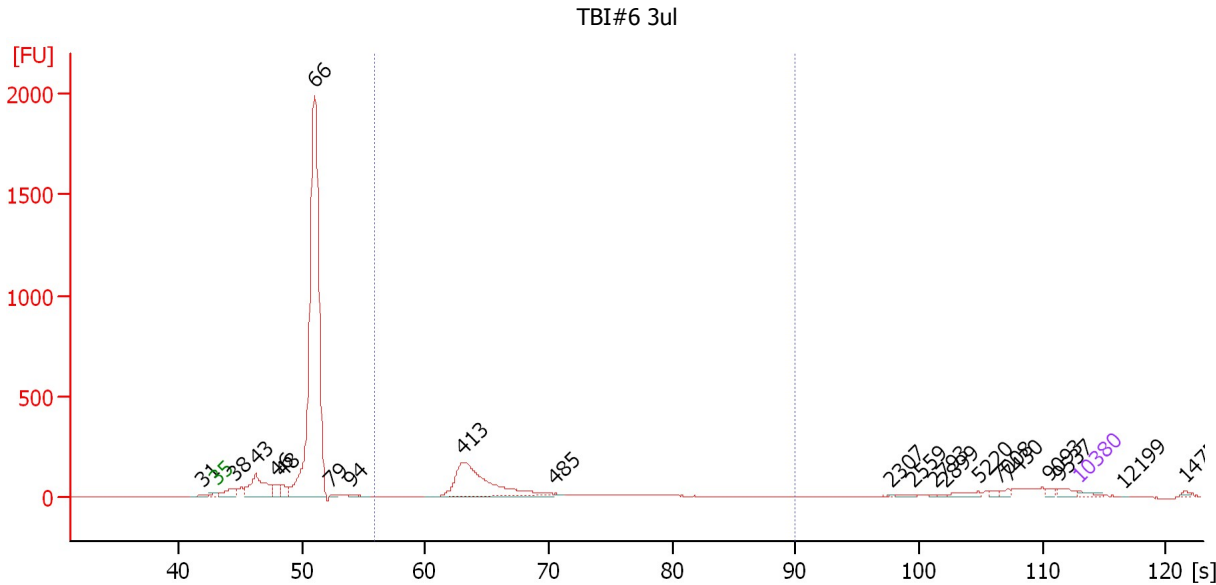
... Region table for sample 3 : TBI#6 2.5ul B

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	217	1,000	255.1	1,751,811.6	4	10.3	250,855.23

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : TBI#6 3ul

Number of peaks found: 21 Corr. Area 1: 999.5
 Noise: 0.4

Peak table for sample 4 : TBI#6 3ul


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.92
2	35	125.00	5,411.3	Lower Marker	43.00
3	38	434.83	17,118.0		44.47
4	43	1,400.30	49,694.7		46.25
5	46	264.51	8,620.6		47.85
6	48	298.82	9,487.6		48.37
7	66	13,064.64	298,703.1		51.01
8	79	57.66	1,102.1		52.35
9	94	88.06	1,413.7		53.91
10	413	2,206.89	8,101.7		63.04
11	485	24.14	75.4		70.53
12	2,307	5.58	3.7		97.72
13	2,559	24.69	14.6		99.58
14	2,793	14.21	7.7		101.31
15	2,899	18.96	9.9		102.09
16	5,220	99.85	29.0		104.82
17	7,008	46.42	10.0		106.42
18	7,430	57.34	11.7		107.24
19	9,093	55.74	9.3		110.49
20	9,537	99.95	15.9		111.35
21	10,380	75.00	10.9	Upper Marker	113.00
22	12,199	0.00	0.0		116.55
23	14,750	0.00	0.0		121.53

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...

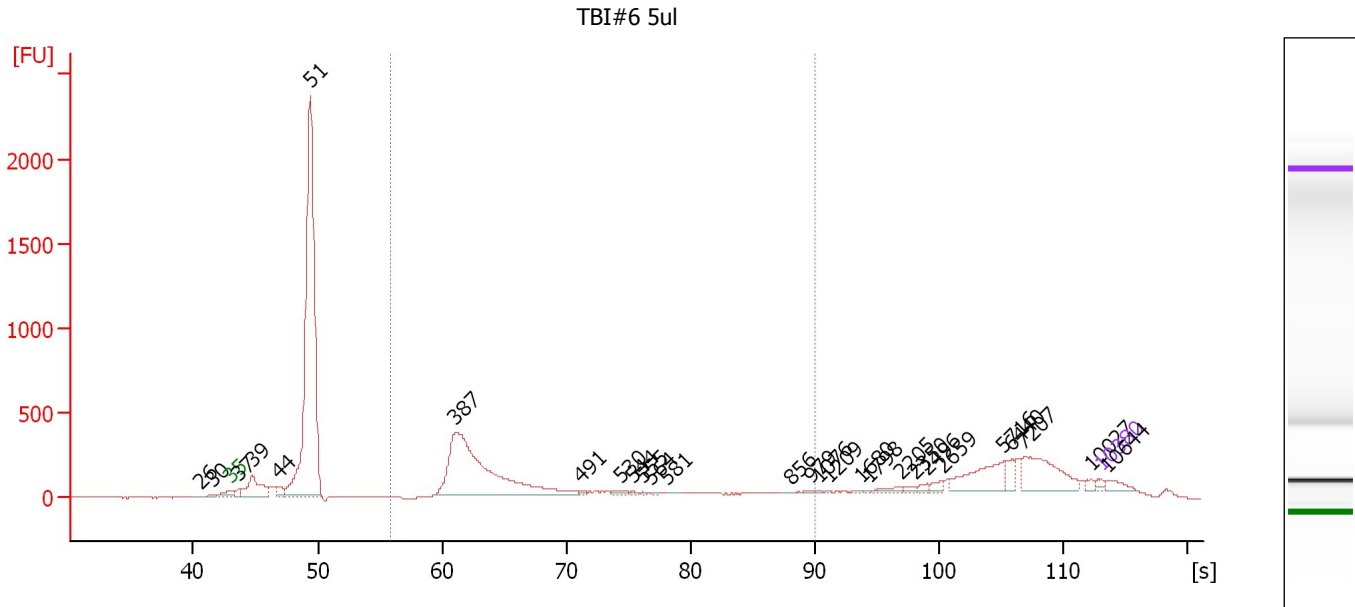
... Region table for sample 4 : TBI#6 3ul

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	439	1,000	999.5	8,277.2	 17	9.6	2,377.60

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : TBI#6 5ul

Number of peaks found: 28 Corr. Area 1: 3,348.7
 Noise: 0.4

Peak table for sample 5 : TBI#6 5ul

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	26	0.00	0.0		40.51
2	30	0.00	0.0		41.54
3	35	125.00	5,411.3	Lower Marker	43.00
4	37	231.77	9,586.6		43.69
5	39	1,468.76	56,802.6		44.76
6	44	348.58	11,984.6		46.83
7	51	15,075.17	450,119.3		49.41
8	387	5,859.72	22,934.2		61.06
9	491	41.12	126.9		71.16
10	530	76.28	217.9		74.35
11	544	30.92	86.0		75.38
12	555	21.69	59.2		76.19
13	564	25.25	67.9		76.80
14	581	26.71	69.7		78.09
15	856	11.03	19.5		88.10
16	979	16.87	26.1		89.70
17	1,076	12.83	18.1		90.38
18	1,209	6.72	8.4		91.11
19	1,680	12.86	11.6		93.69
20	1,798	12.56	10.6		94.34
21	2,205	103.81	71.3		96.96
22	2,350	66.73	43.0		98.04
23	2,496	81.16	49.3		99.11
24	2,659	115.24	65.7		100.32
25	5,716	1,009.93	267.7		105.26

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : TBI#6 5ul

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,440	259.52	61.1		105.91
27	7,207	1,261.71	265.3		106.81
28	10,027	85.12	12.9		112.31
29	10,380	75.00	10.9	Upper Marker	113.00
30	10,644	0.00	0.0		113.52

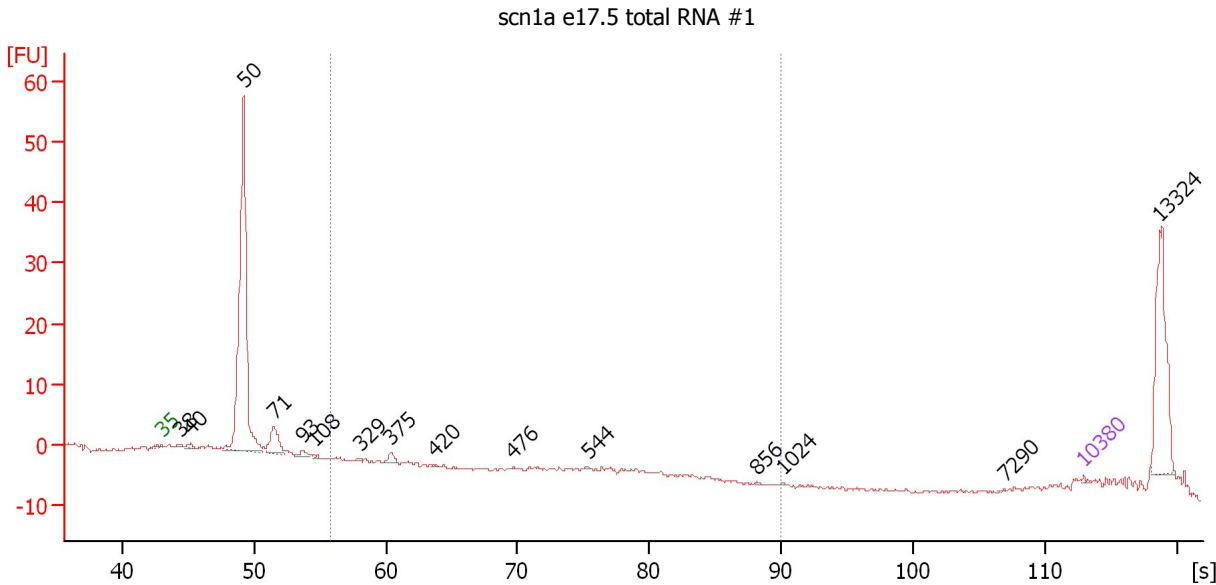
Region table for sample 5 : TBI#6 5ul

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	477	1,000	3,348.7	28,123.4	30	26.3	8,244.59

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

Created: 7/6/2015 11:31:08 AM
 Modified: 7/6/2015 12:12:28 PM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 6 : scn1a e17.5 total RNA #1

Height Threshold [FU] : 0

Overall Results for sample 6 : scn1a e17.5 total RNA #1

Number of peaks found: 15 Corr. Area 1: 1.2
 Noise: 0.2

Peak table for sample 6 : scn1a e17.5 total RNA #1

Pea k	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	38	207.85	8,205.5		44.43
3	40	409.46	15,464.5		45.16
4	50	37,311.32	1,135,802.1		49.23
5	71	3,481.89	74,112.8		51.52
6	93	577.28	9,415.2		53.76
7	108	206.11	2,884.7		54.61
8	329	127.96	588.7		58.08
9	375	482.71	1,949.8		60.44
10	420	68.52	247.3		63.78
11	476	41.44	131.8		69.65
12	544	77.41	215.6		75.35
13	856	41.40	73.3		88.10
14	1,024	31.12	46.0		90.10
15	7,290	22.24	4.6		106.97
16	10,380	75.00	10.9	Upper Marker	113.00
17	13,324	0.00	0.0		118.75

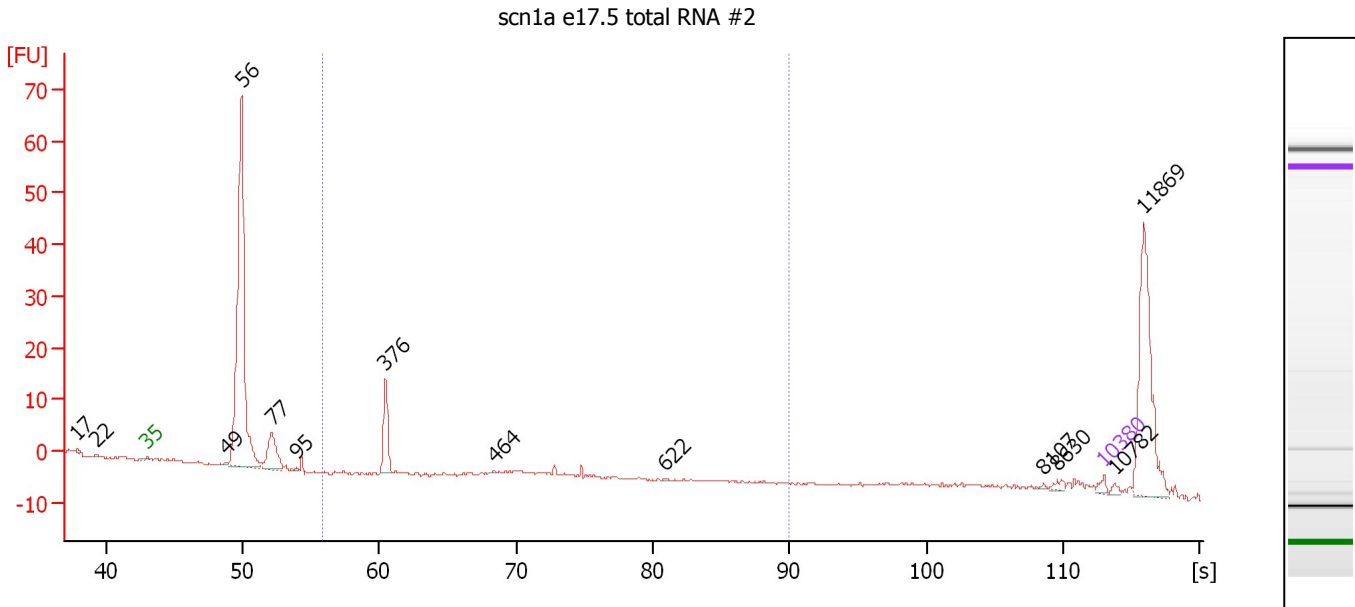
Region table for sample 6 : scn1a e17.5 total RNA #1

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/µl]
200	460	1,000	1.2	1,257.6	1	21.2	351.68

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 7 : scn1a e17.5 total RNA #2

Height Threshold [FU] : 0

Overall Results for sample 7 : scn1a e17.5 total RNA #2

Number of peaks found: 13 Corr. Area 1: 11.2
 Noise: 0.2

Peak table for sample 7 : scn1a e17.5 total RNA #2

Pea k	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	17	0.00	0.0		37.94
2	22	0.00	0.0		39.27
3	35	125.00	5,411.3	Lower Marker	43.00
4	49	40.61	1,261.7		48.81
5	56	8,484.50	229,557.9		49.95
6	77	1,099.17	21,543.1		52.15
7	95	48.12	769.0		53.95
8	376	770.48	3,107.1		60.47
9	464	9.17	29.9		68.40
10	622	5.90	14.4		80.92
11	8,107	21.27	4.0		108.56
12	8,630	64.56	11.3		109.58
13	10,380	75.00	10.9	Upper Marker	113.00
14	10,782	0.00	0.0		113.79
15	11,869	0.00	0.0		115.91

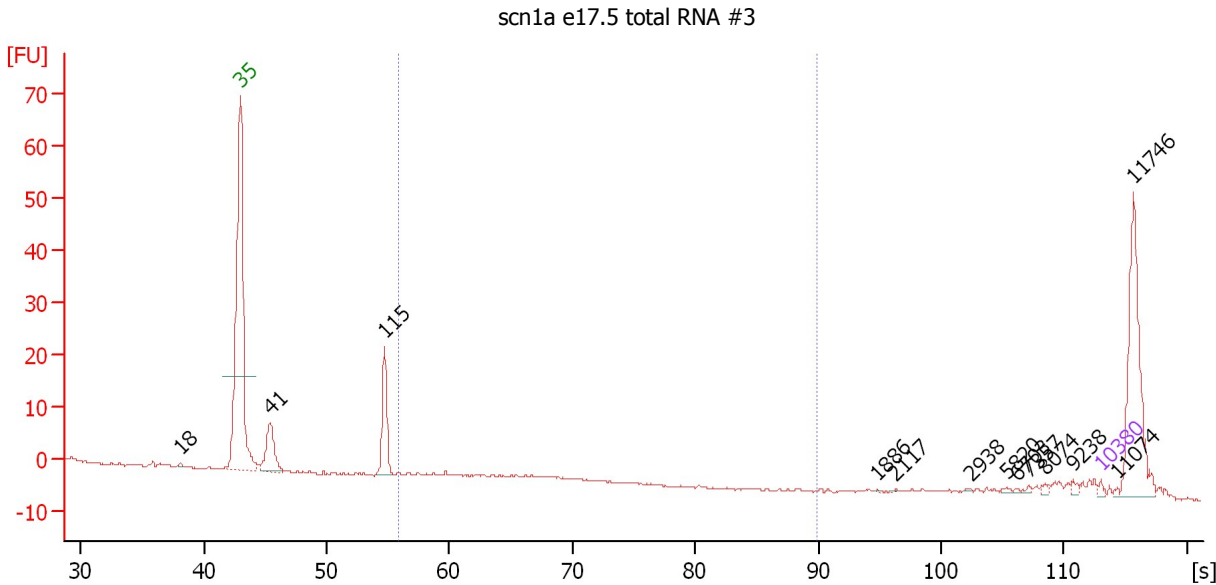
Region table for sample 7 : scn1a e17.5 total RNA #2

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	384	1,000	11.2	2,513.7	6	8.6	630.40

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 8 : scn1a e17.5 total RNA #3

Height Threshold [FU] : 0

Overall Results for sample 8 : scn1a e17.5 total RNA #3

Number of peaks found: 13 Corr. Area 1: 0.0
 Noise: 0.2

Peak table for sample 8 : scn1a e17.5 total RNA #3

Pea k	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	18	0.00	0.0		38.11
2	35	125.00	5,411.3	Lower Marker	43.00
3	41	2,440.06	90,847.7		45.40
4	115	2,726.50	35,972.7		54.71
5	1,886	9.60	7.7		94.82
6	2,117	15.85	11.3		96.31
7	2,938	18.84	9.7		102.38
8	5,820	52.68	13.7		105.35
9	6,703	29.28	6.6		106.14
10	7,357	54.94	11.3		107.10
11	8,074	68.06	12.8		108.50
12	9,238	110.51	18.1		110.77
13	10,380	75.00	10.9	Upper Marker	113.00
14	11,074	0.00	0.0		114.35
15	11,746	0.00	0.0		115.67

Region table for sample 8 : scn1a e17.5 total RNA #3

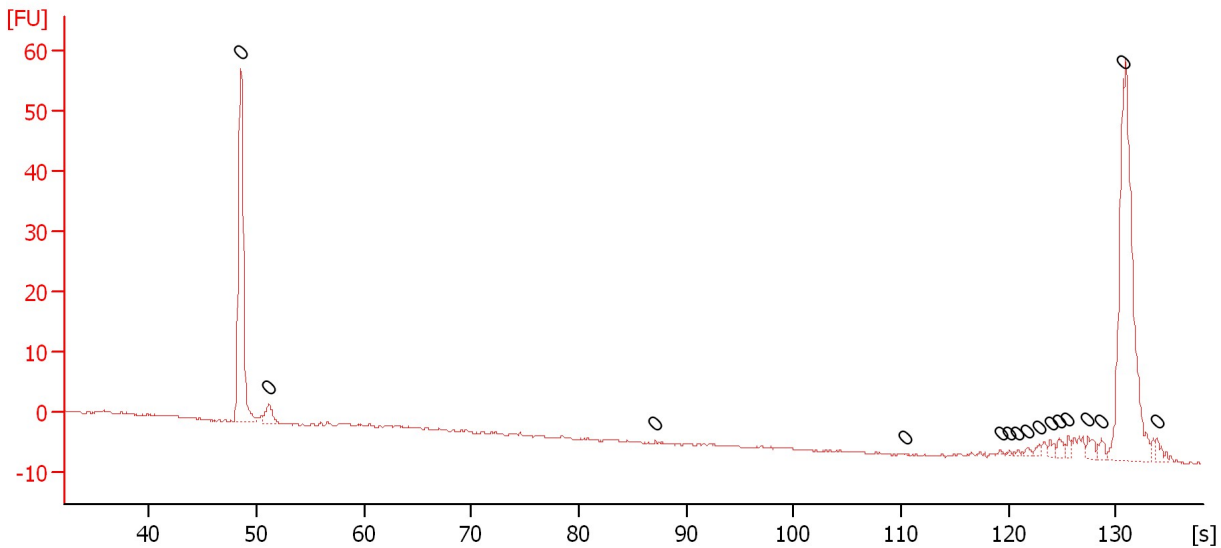
From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	360	1,000	0.0	11.5	0	0.1	2.73

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Electropherogram Summary Continued ...

scn1a e17.5 total RNA #4



Setpoint Deviations for sample 9 : scn1a e17.5 total RNA #4

Slope Threshold : 0 Area Threshold : 0
 Height Threshold [FU] : 0 Width Threshold [s] : 0

Overall Results for sample 9 : scn1a e17.5 total RNA #4

Number of peaks found: 0 Noise: 0.2

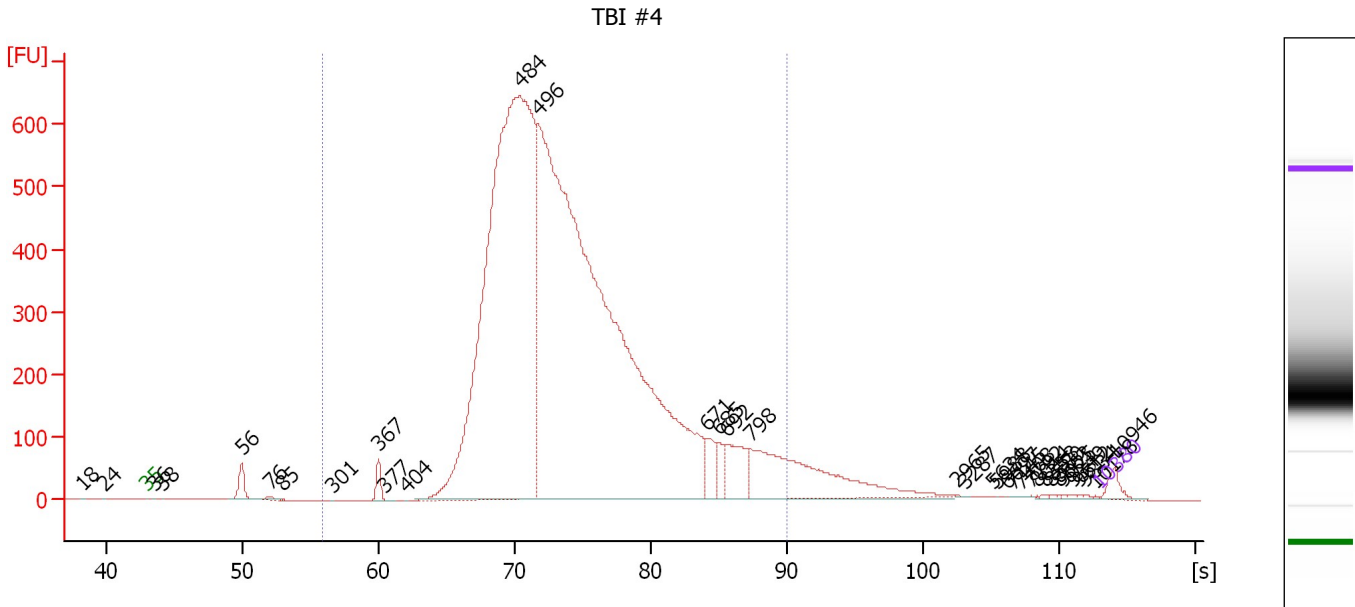
Peak table for sample 9 : scn1a e17.5 total RNA #4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		48.55
2	0	0.00	0.0		51.15
3	0	0.00	0.0		87.15
4	0	0.00	0.0		110.35
5	0	0.00	0.0		119.30
6	0	0.00	0.0		120.10
7	0	0.00	0.0		120.90
8	0	0.00	0.0		121.75
9	0	0.00	0.0		122.90
10	0	0.00	0.0		123.90
11	0	0.00	0.0		124.70
12	0	0.00	0.0		125.55
13	0	0.00	0.0		127.35
14	0	0.00	0.0		128.60
15	0	0.00	0.0		130.70
16	0	0.00	0.0		133.80

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 10 : TBI #4

Slope Threshold :	0	Area Threshold :	0
Height Threshold [FU] :	0	Width Threshold [s] :	0

Overall Results for sample 10 : TBI #4

Number of peaks found:	35	Corr. Area 1:	10,937.7
Noise:	0.2		

Peak table for sample 10 : TBI #4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	18	0.00	0.0		38.23
2	24	0.00	0.0		39.84
3	35	125.00	5,411.3	Lower Marker	43.00
4	36	35.82	1,494.7		43.55
5	38	23.83	959.7		44.10
6	56	22,210.13	601,358.1		49.94
7	76	3,157.97	63,087.8		52.00
8	85	12.34	218.9		52.98
9	301	15.91	80.1		56.61
10	367	10,559.66	43,627.5		60.01
11	377	58.27	234.4		60.52
12	404	14.04	52.7		62.10
13	484	925,014.69	2,898,722.5		70.38
14	496	1,249,504.00	3,813,557.5		71.73
15	671	21,745.87	49,078.0		84.20
16	685	12,016.09	26,597.6		85.06
17	692	38,831.39	84,987.5		85.58
18	798	124,692.41	236,792.6		87.35
19	2,965	128.65	65.7		102.58
20	3,287	22.06	10.2		103.10
21	5,634	1.14	0.3		105.19

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 10 : TBI #4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
22	5,988	6.16	1.6		105.50
23	6,697	15.25	3.5		106.13
24	7,145	99.94	21.2		106.69
25	7,408	112.06	22.9		107.20
26	7,792	336.86	65.5		107.95
27	8,014	148.78	28.1		108.38
28	8,358	508.17	92.1		109.05
29	8,580	388.05	68.5		109.49
30	8,863	352.68	60.3		110.04
31	9,025	339.98	57.1		110.36
32	9,349	601.29	97.5		110.99
33	9,612	388.56	61.3		111.50
34	9,834	516.07	79.5		111.93
35	10,178	335.99	50.0		112.61
36	10,380	75.00	10.9	Upper Marker	113.00
37	10,946	0.00	0.0		114.10

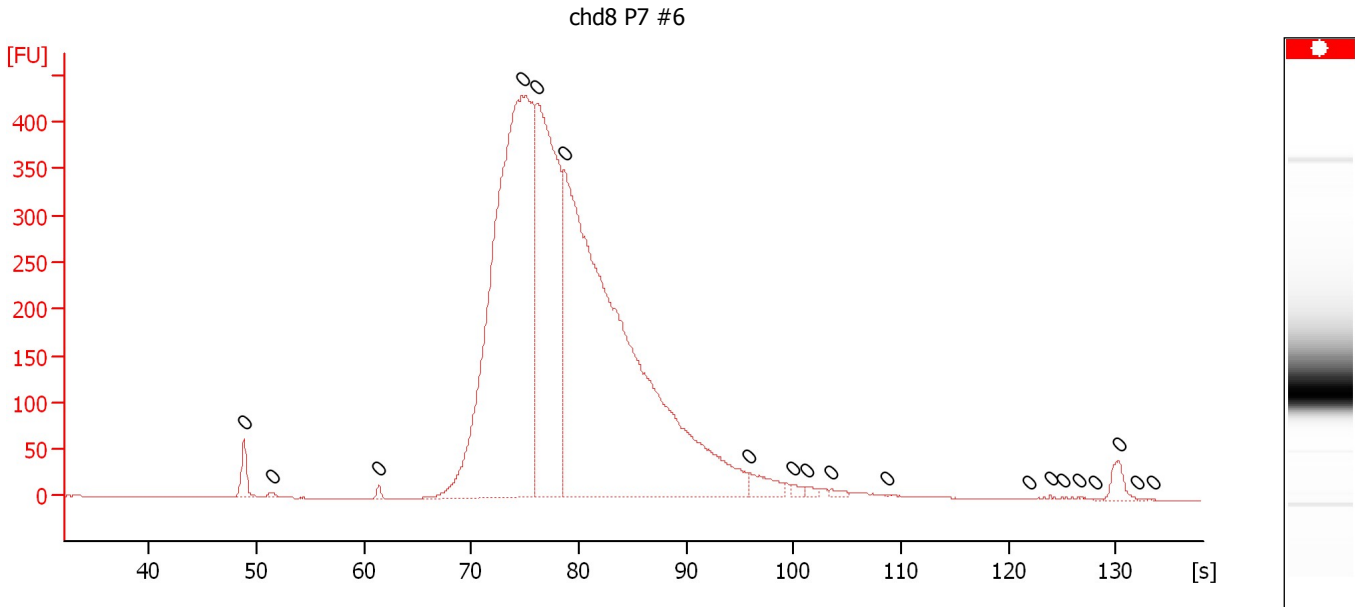
Region table for sample 10 : TBI #4

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	538	1,000	10,937.7	6,408,481.5	94	16.6	2,201,943.75

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 11 : chd8 P7 #6

Height Threshold [FU] : 0

Overall Results for sample 11 : chd8 P7 #6

Number of peaks found: 0 Noise: 0.2

Peak table for sample 11 : chd8 P7 #6

Pea k	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		48.85
2	0	0.00	0.0		51.40
3	0	0.00	0.0		61.35
4	0	0.00	0.0		74.70
5	0	0.00	0.0		76.15
6	0	0.00	0.0		78.60
7	0	0.00	0.0		95.85
8	0	0.00	0.0		99.85
9	0	0.00	0.0		101.15
10	0	0.00	0.0		103.50
11	0	0.00	0.0		108.70
12	0	0.00	0.0		121.85
13	0	0.00	0.0		123.90
14	0	0.00	0.0		125.05
15	0	0.00	0.0		126.50
16	0	0.00	0.0		128.15
17	0	0.00	0.0		130.25
18	0	0.00	0.0		132.05
19	0	0.00	0.0		133.45

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-06\2015-07-06_001.xad

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Gel Image

